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63.00

1985



California Wild Flower Seeds

Bring the vivid beauty of
the wild Spring to your
garden with genuine Cali-
fornia Wild Flowers. . . .
INSIST ON PAYNE'S

THEODORE PAYNE

Specialist for California Wild Flower Seeds
and Native Plants

2969-99 LOS FELIZ BOULEVARD
LOS ANGELES, CALIFORNIA

Wild Flowers of California

The wild flowers of California are unrivaled by those of any other state for beauty, color and romance.

These are the flowers the padres found when first they set foot on California soil. The flowers nature herself, the first of all gardeners, placed here. Flowers from the fragrant chaparral belt, from the mountains, from the valleys, from the seacoast, all can be grown luxuriantly in your own garden.

We have brought these flowers out of their native habitats from all parts of the state; from foothills, from plains, from deserts, from mountains, from seashore. We have propagated and grown them in our grounds so that you may enjoy them in your "own garden."

Many species are being grown successfully in the eastern states and many other parts of the world. You will be well repaid for the little care and time it is necessary to bestow upon them. They will beautify your grounds and will bring to your surroundings some of the lure and the romance of the California of early days.

Wild Flowers

*I think that God must love the flowers,
He makes them as He wills;
He makes a lot more than we need
And hides them in the hills.
Yes, in the hills they are hiding
As sweet as they can be,
Hiding far from the sight of man,
Where only God can see.*

*The gardener takes the flowers
And makes them rich and grand;
A sort of aristocracy,
I think you'll understand.
But the wild flowers, they are different,
In the desert wind they nod,
And look as only things can look
Fresh from the hands of God.*

—EDSON C. HARRIS.

READ BEFORE ORDERING

HOW TO ORDER. Write plainly your name, town, county and state, giving street numbers and postoffice box when expedient. Send all money by postoffice or express money order, bank draft or check, and small sums by registered letter. Postage stamps received in sums up to one dollar.

POSTAGE prepaid to any part of the world on all seeds listed in this catalogue.

California Wild Flower Mixtures

The mixtures listed below are the result of over thirty years of observation and intensive study of the native flora of California from scientific and practical standpoints. Each mixture is prepared according to a regular formula which has taken years of experimental work to bring to perfection. They contain only the true wild species, mixed in the right proportions to produce a succession of flowers over a long period of time. The species used in the mixtures are the most showy kinds, hardy and of easy culture, succeeding under any ordinary conditions. We recommend their general use in home grounds, parkways, school grounds, private estates, vacant lots or any unused ground in either large or small areas. By the use of these wild flower mixtures many odd corners and waste pieces of ground can easily be converted into beauty spots for a large portion of the year at a minimum of expense in money, time and labor. Don't fail to sow some wild flower seeds this season.

Payne's Wild Flower Mixtures are sold in sealed packages only. Not genuine without our seal.

RAINBOW MIXTURE **(PAYNE'S MIXTURE No. 1)**

A general mixture of annual wild flowers of all colors, consisting of twenty of the hardiest and most showy species mixed in the right proportions to produce a succession of flowers over a long period. Plants commence to bloom early in the spring and continue until late summer, an ever-changing mass of colors. This is the best mixture for general use, being especially adapted for vacant lots, parkways, school grounds, private gardens, etc. Should be planted freely everywhere. **Packet, 10c; ounce, 50c; ¼ pound, \$1.50; pound, \$5.00.**

SHADY MIXTURE **(PAYNE'S MIXTURE No. 2)**

A mixture of annual wild flowers for sowing in shady and partially shady places, mixed in the right proportions to produce a succession of flowers. **Packet, 10c; ounce, 50c; ¼ pound, \$1.75; pound, \$6.00.**

GOLDEN MIXTURE **(PAYNE'S MIXTURE No. 3)**

A mixture of annual wild flowers in orange, yellow and cream shades, mixed in the right proportions to produce a succession of flowers. Useful in carrying out a color scheme. **Packet, 10c; ounce, 60c; ¼ pound, \$2.00; pound, \$7.00.**

BLUE AND LAVENDER MIXTURE **(PAYNE'S MIXTURE No. 4)**

A mixture of annual wild flowers in blue, purple and lavender shades, mixed in the right proportions to produce a succession of flowers useful in carrying out a color scheme. **Packet, 10c; ounce, 50c; ¼ pound, \$1.75; pound, \$6.**

BLUE AND GOLD MIXTURE **(PAYNE'S MIXTURE No. 5)**

A mixture of annual wild flowers in various shades of blue, lavender, purple, yellow and orange, containing a large number of species and mixed in the right proportions to produce a succession of flowers. Presents a very charming color effect. **Packet, 10c; ounce, 50c; ¼ pound, \$1.75; pound, \$6.00.**

PAYNE'S SPECIAL ROADSIDE MIXTURE

A mixture composed of six of the hardiest and most showy species, including the California Poppy. Creates a brilliant effect in orange, yellow, and blue. Especially recommended for vacant lots, waysides, subdivisions, etc. **Packet, 10c; ounce, 35c; ¼ pound, \$1.00; pound, \$3.00.**

Abronia umbellata. "Common Sand Verbena." Perennial of trailing habit flowering in a few months from seed and can be treated as an annual. Flowers lilac rose, resembling a verbena, very fragrant. Does best in sandy soil. Packet, 10c; ounce, 70c; ¼ pound, \$2.25; pound, \$8.00.

Abronia villosa, "Desert Sand Verbena." Perennial of trailing habit flowering in a few months from seed and can be treated as an annual. Flowers lilac pink, very fragrant. Found abundantly on the sands at Palm Springs and other places on the desert. Packet, 15c; ounce, \$1.50.

Agoseris major. "Morning Radiance." Annual, 8 to 12 inches high. Flowers large, on single stems, deep golden yellow. The blossoms open at daylight but close about noon. In the early morning sunlight they present a brilliant display. Packet, 15c; ¼ ounce, \$1.00.

Antirrhinum coulterianum. "White Snapdragon." Annual, 3 to 6 feet high. Small white flowers in spikes often 2 and sometimes 3 feet long. Packet, 15c.

Antirrhinum glandulosum. "Pink Snapdragon." Perennial 3 to 5 feet high, branching from a stout woody base. Flowers rose pink in long spikes. Packet, 25c.

Aquilegia truncata. "Scarlet Columbine." Perennial, 2 to 3 feet high, of graceful habit. Flowers scarlet tipped with yellow. Succeeds best in a moist, shady place. Packet, 15c; ½ ounce, 75c.

Argemone platyceras hispida. "Prickly Poppy." Annual, 1½ to 3 feet high. Flowers white with yellow centers, 3 to 4 inches in diameter, very showy. Leaves and stems gray green and prickly. Packet, 15c.

Aster tortifolius. "Desert Aster." Shrubby perennial, 1 to 2 feet high, branching from a woody base. flowers large, clear lavender, with deep yellow center. Packet, 25c.

Baeria gracilis. "Sunshine." "Gold Fields." Annual 4 to 8 inches high. Golden yellow star-shaped flowers very attractive in masses. Packet, 10c; ounce, \$1.00.

Calandrinia menziesii. "Red Maids." Annual, of spreading habit, 6 to 12 inches high. Flowers rose-red, opening in the sunlight. Packet, 15c; ounce, \$1.50.

Castilleia californica. "Indian Paint Brush." Perennial 1½ to 2 feet high. A rather slender growing plant with fragile, dark colored stems and narrow leaves. Flower bracts bright scarlet. Packet, 25c.

Castilleia stenantha. "Scarlet Paint Brush." Annual 1¼ to 2½ feet high. A slender growing plant, flower bracts scarlet. Found along stream banks. Pkt., 25c.

Cirsium venustum. "Scarlet Thistle." Biennial, 5 to 8 feet high. A showy plant with whitish green foliage and large crimson-scarlet flowers. Very striking when planted among shrubs, or in the background of wide borders. Packet, 25c; ounce, \$2.00.

Clarkia concinna. "Red Ribbons." Annual, 8 inches to 2 feet high. Flowers rose-pink with crimson sepals. Prefers a shady spot. Packet, 10c; ounce, \$1.00.

Clarkia elegans. "Clarkia." Annual, 1 to 3 feet. A slender growing plant; flowers purple with white and crimson stamens. Thrives best in shade. Packet, 10c; ounce, 40c; ¼ pound, \$1.35; pound, \$5.00.

6 Beautiful Perennial Rock Garden Plants One Packet of Each

Beach Aster
Beautiful Lupine
Blue Eyed Grass

Violet Beard Tongue
Indian Pink
California Fuchsia

Regular price if purchased separately, \$1.30.

Collection Price **\$1.00**

Collinsia bicolor. "Chinese Houses." "Innocence." Annual, 1 to 1½ feet high. Flowers white, lilac and rose purple. Prefers a shady situation. Packet, 10c; ounce, 35c; ¼ pound, \$1.20; pound, \$4.00.



"Chinese Houses." "Innocence."

Collinsia grandiflora. "Blue Collinsia." Annual, 6 to 10 inches high. Flowers deep violet blue. Generally found growing on shady banks. Packet, 10c; ounce, 50c; ¼ pound, \$1.75; pound, \$6.00.

Collomia grandiflora. "Collomia." Annual 1 to 3 feet high. An erect growing plant with rather narrow alternate leaves. Flowers funnel-form in terminal heads about 2 inches across, light salmon colored or buff; very showy and of easy culture. Packet, 25c.

Coreopsis calliopsidea. "Wild Coreopsis." Annual 6 to 12 inches high. Flowers large, deep yellow, very showy. Grows best in heavy soil. Packet, 15c; ounce, \$1.50; ¼ pound, \$5.00.

Coreopsis douglasii. "Yellow Daisy." "Douglas Coreopsis." Annual 6 to 12 inches high. A graceful little plant with bright yellow daisy-like flowers. Very pretty in masses for beds or borders. Packet, 15c; ounce, \$2.00.

Coreopsis gigantea. "Tree Coreopsis." "Giant Sea Dahlia." Perennial, 3 to 6 feet high with stout trunk and arm-like branches. Feathery green foliage and large yellow flowers. Packet, 25c.

Coreopsis maritima. "Sea Dahlia." Perennial 2 to 2½ feet high. Flowers large, 3 to 4 inches in diameter, light canary yellow. Excellent as a cut flower, lasting a long time in water. Packet, 15c; ounce, \$1.50.

Coreopsis stillmanii. "Stillman's Yellow Daisy." Annual, 9 to 12 inches high. Finely cut foliage. Flowers large, rich, deep, yellow, very showy. Grows best in sandy soil. Packet, 15c; ounce, \$1.50; ¼ pound, \$5.00.

Delphinium cardinale. "Scarlet Larkspur." Perennial, 3 to 7 feet high. Produces long spikes of bright fiery scarlet flowers. Excellent for cutting. Packet, 15c; ⅛ ounce, 60c.

Delphinium parryi. "Blue Larkspur." Perennial, 1½ to 3 feet high. Flowers large and of a rich shade of blue. Packet, 25c.

Dendromecon rigida. "Tree Poppy." Evergreen shrub, 4 to 8 feet high. Bright yellow flowers, 2 to 3 inches in diameter. Seed is hard to germinate. Packet, 25c; ¼ ounce, \$1.00.

Dicentra chrysantha. "Golden Ear Drops." Perennial, 3 to 5 feet high. Finely cut glaucous foliage and rich yellow flowers. Packet, 15c; ¼ ounce, \$1.00.

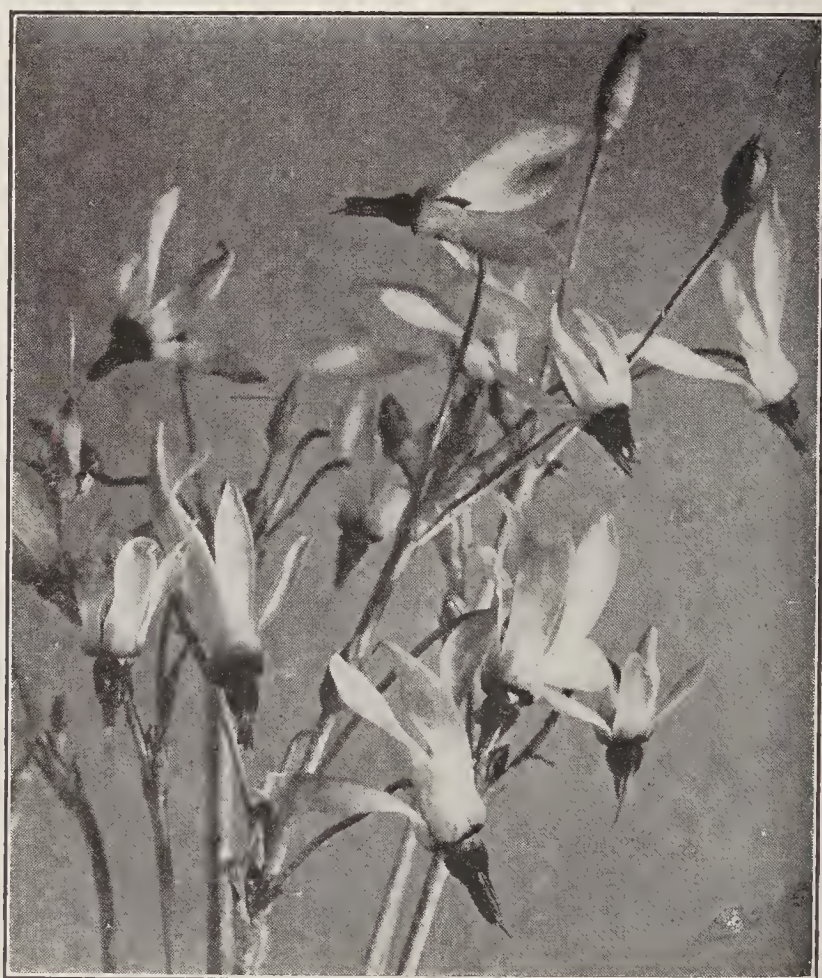
Dodecatheon clevelandii. "Shooting Star." Perennial, 1 to 2 feet high. Flowers in shape like a cyclamen, delicate lilac and white. Packet, 15c; ¼ ounce, \$1.00.

Emmenanthe penduliflora. "Whispering Bells." Annual, 1 to 2 feet high. Produces large quantities of bell-shaped, pendulous flowers, cream-colored or yellow. Packet, 15c; ¼ ounce, \$1.00.

Encelia californica. "Bush Sunflower." Shrub, 2 to 6 feet high; found on dry banks, blooming in the spring and early summer. Flowers bright yellow with dark centers. Packet, 15c.

Encelia eriocephala. "Desert Sunflower." "Desert Gold." Annual 1 to 3 feet high. Flowers very showy, large deep golden yellow. Fine for cutting. Packet, 15c.

Encelia farinosa. "Incienso." "Incense Plant." Shrub 3 to 5 feet high. Forms a spreading, broad topped bushy plant with gray foliage. Golden yellow coreopsis-like flowers. Packet, 25c.



"Shooting Star."

Erigeron glaucus. "Beach Aster." Perennial 5 to 10 inches high. Flowers 2 inches or more in diameter, violet or lilac with yellow center. Makes an excellent rock garden plant. Packet, 25c.

Eriophyllum confertiflorum. "Golden Yarrow." Perennial 1 to 2 feet high branching from a woody base. Leaves divided into 3 to 7 divisions and covered with soft whitish wool. Flowers in densely crowded flat-topped clusters, rich golden yellow, very showy. Packet, 15c.

Eriophyllum wallacei. "Gold Nuggets." Annual 1 to 4 inches high. A compact little plant branching freely from the root forming a mat of gray foliage. Flowers golden yellow throughout, completely covering the plant. Grows in sandy soil. Good for rock gardens. Packet, 25c.

Erysimum asperum. "Wild Wallflower." Biennial or perennial, 1½ to 3 feet high. Long spikes of large, orange-colored, fragrant flowers. Packet, 25c.

Erythraea venusta. "Fink Gentian" or "Canchalagua." Annual, 4 to 8 inches high. Showy, clear pink star-shaped flowers produced in great numbers in early summer. Packet, 25c.

Eschscholtzia californica. "California Poppy." Annual or perennial 1 to 1½ feet high. The most noted of California wild flowers. Flowers 2 to 3 inches in diameter, brilliant orange with a beautiful glossy sheen. Very showy and of easy culture; should be planted freely everywhere. Packet, 10c; ounce, 35c; ¼ pound, \$1.00; pound, \$3.00.



"California Poppy."

Floerkea douglasii. "Meadow Foam." Annual 6 to 9 inches high. A low spreading plant with finely cut leaves. Flowers yellow in center shading to cream-color at edge. A pretty little plant of easy culture. Packet, 10c; ounce, 50c; ¼ pound, \$1.75.

Many species will prove hardy in the eastern states and can be given the same treatment as ordinary garden flowers.

Gilia abrotanifolia. "Pale Blue Gilia." Annual, 1½ to 2½ feet high. Large heads of very pale blue flowers. Packet, 10c; ounce, 40c; ¼ pound, \$1.35; pound, \$5.00.

Gilia achillaefolia. "Blue Gilia." Annual, 1 to 1½ feet high. Small violet-blue flowers in dense heads on graceful, slender stems. Packet, 10c; ounce, 35c; ¼ pound, \$1.20; pound, \$4.00.

Gilia aurea. "Yellow Gilia." Annual, 4 to 10 inches high. A pretty little plant with thread-like stems and yellow flowers. Found in sandy washes. Packet, 25c.

Gilia californica. "Prickly Phlox." Shrub, 2 to 4 feet high. Prickly needle-like leaves. Fragrant phlox-like flowers of a delicate rose pink color. Packet, 25c.

Gilia capitata. "Large Blue Gilia." Annual, 1½ to 2½ feet high. A slender, somewhat branched plant, with finely cut foliage and light blue flowers. Blooms later than *Gilia achillaefolia*. Packet, 10c; ounce, 35c; ¼ pound, \$1.20; pound, \$4.00.

Gilia densiflora. "California Phlox." Annual, 1 to 2 feet high. Phlox-like flowers in crowded clusters, soft lilac pink, in size and color much like those of the prickly phlox. Prefers a sandy soil. Packet, 10c; ounce, 60c; ¼ pound, \$2.00; pound, \$7.00.

Gilia dianthoides. "Fringed Gilia," or "Ground Pink." Annual, 2 to 6 inches high. An exquisite little plant with minute leaves and phlox-like flowers, rose colored or lilac with yellowish throat. Excellent for small beds or rock gardens. Packet, 25c; 1/16 ounce, \$1.00.

Gilia tricolor. "Birds' Eyes." Annual, 1 to 1½ feet high. Flowers pale lilac, yellow toward the center, with five purple spots. A charming combination of colors. Packet, 10c; ounce, 40c; ¼ pound, \$1.35; pound, \$5.00.



"Large Flowered Godetia."

Godetia amoena. "Summer's Darling." Annual, 2 to 3 feet high. A slender growing plant. Flowers large, an exquisite shade of silvery lilac, with a small red blotch at base of each petal. Packet, 10c; ounce, 60c; ¼ pound, \$2.00; pound, \$7.00.

Godetia bottae. "Farewell to Spring." Annual, 2 to 4 feet high. Pale rosy lilac with small purple dots. Generally found on shady banks. Packet, 10c; ounce, 70c; ¼ pound, \$2.25; pound, \$8.00.

Godetia grandiflora. "Large Flowered Godetia." Annual, 1 to 2 feet high. Flowers very large, lilac pink with large crimson blotch in center of each petal. Packet, 10c; ounce, 60c; ¼ pound, \$2.00; pound, \$7.00.

Godetia viminea. "Orchid Flowered Godetia." Annual, 1½ to 2½ feet high. Upper half of petals lilac with darker blotch, lower half white, often with lilac ring at base; very delicate coloring. Packet, 10c; ounce, 80c; ¼ pound, \$2.50; pound, \$9.00.

Helianthus gracilentus. "Slender Sunflower." Perennial 2 to 4 feet high. A handsome plant with many slender branches, flowers rich yellow, very showy and excellent for cutting. Packet, 25c.

Lasthenia glabrata. "Lasthenia." Annual, 6 to 10 inches high, of spreading habit; golden yellow daisy-like flowers. Grows in moist places. Packet, 15c; ounce, \$1.50.

Lathyrus laetiflorus. "Wild Pea." Perennial climber, 4 to 8 feet. Flowers in loose clusters, white or flesh-color veined with purple. Packet, 25c; ounce, \$1.50.

Lathyrus splendens. "Pride of California." "Campo Pea." Perennial climber 4 to 8 feet. Flowers deep crimson, very showy, 2 inches or more in length and produced in large clusters. Packet, 25c.

Lathyrus violaceus. "Purple Pea." Perennial climber 4 to 8 feet. A beautiful plant with light green foliage and pale, violet purple flowers. Packet, 25c.

Layia platyglossa. "Tidy Tips." Annual 1 to 2 feet high. Large daisy-like flowers, yellow edged with white or cream color. Grows well in sandy soil. Very attractive in masses. Packet, 10c; ounce, \$1.00; ¼ pound, \$3.00; pound, \$11.00.

Linum lewisii. "Blue Flax." Perennial 1½ to 2½ feet high, from a slightly woody base. Flowers in terminal clusters, large, sky blue. From the high mountains. A very showy plant and quite easy to grow. Packet 25c.



"Tidy Tips."



"Dwarf Blue Lupine."

Lupinus arboreus. "Yellow Tree Lupine." Shrubby perennial, 4 to 8 feet high. Flowers rich sulphur yellow. Packet, 15c; ounce, 75c.

Lupinus bicolor var. tridentatus. "Baby Lupine." Annual 6 to 10 inches high. A small plant branching from the base. Leaflets narrow, light green; flowers small blue and white, free flowering and very pretty in masses. Packet, 15c; ounce 70c.

Lupinus brittoni. "Britton's Bush Lupine." Shrubby perennial, 3 to 6 feet high. Flowers in long racemes, rich blue. Packet, 25c; ounce, \$1.50.

Lupinus cytisoides. "Canyon Lupine." Perennial, 4 to 6 feet high. Flowers in long racemes, deep pink or rose purple and very showy. Packet, 15c; ounce, \$1.00.



"Fayne's Tree Lupine."

Lupinus densiflorus. "White Lupine." Annual, 1 to 1½ feet high. A stout, branching plant with rich green foliage and white flowers in dense whorls. Grows best in heavy soil. Packet, 15c; ounce, 70c.

Lupinus densiflorus. (Purple-flowered form.) A form of the preceding with purple flowers. Packet, 15c; ounce, 70c.

Lupinus formosus. "Beautiful Lupine." Perennial, of spreading habit, 1 to 2 feet high. Flowers purple, blue or lilac. Fine for rock gardens. Packet, 25c.

Lupinus hirsutissimus. "Hairy Lupine." Annual, 1½ to 2½ feet high. Flowers large, deep reddish purple. A very odd and interesting plant. Packet, 25c.



"Wild Marigold."

Souvenir Collection California Wild Flower Seeds

12 Choice Species in separate packets. All annuals of easy culture, including the—

California Poppy
Baby Blue Eyes
Blue Lupine

Blazing Star
Wild Heliotrope
Wild Canterbury Bell

and six others equally beautiful. All enclosed in beautifully colored envelope, reproduced from water color painting of California Wild Flowers. Makes a very pleasing gift package. Regular price of seeds if purchased separately, \$1.25.

Collection **\$1.00**
Price

Lupinus longifolius. "Blue Bush Lupine." Shrubby perennial, 3 to 5 feet high. Long spikes of light blue flowers, blooms almost the year round. Very valuable for covering dry slopes. Packet, 15c; ounce, \$1.00.

Lupinus menziesii. "Yellow Lupine." Annual, 1 to 2 feet high. Flowers rich yellow and profusely borne. Packet, 15c; ounce, 70c.



"Blazing Star."



"Indian Paint Brush."

Lupinus nanus. "Dwarf Blue Lupine." Annual, 10 to 15 inches high. A very showy plant; flowers rich blue shaded with white and fragrant. Packet, 10c; ounce, 40c; $\frac{1}{4}$ pound, \$1.35; pound, \$5.00.

Lupinus paynei. "Payne's Tree Lupine." Shrubby perennial, 4 to 8 feet high. Flowers fragrant, in long racemes, various shades of blue, lavender, lilac, pink, purple and white, all with a beautiful yellow blotch on the standard. Foliage silvery grey. Packet, 25c.

Lupinus sparsiflorus. "Slender Lupine." Annual 1 to 2 feet high. A slender branching plant, stems and leaves hairy, leaflets narrow; flowers in small racemes, rich blue with yellowish spot on standard later turning to reddish purple. An attractive plant usually found on gravelly soil. Packet, 25c.

Lupinus succulentus. "Blue Lupine." Annual, 1 to 2 feet high. Flowers in large racemes, deep blue; very showy. Thrives best on heavy soil. Packet, 10c; ounce, 35c; $\frac{1}{4}$ pound, \$1.00; pound, \$3.00.

Malacothrix californica. "Wild Marigold." Annual, 6 to 12 inches high. Flowers large, resembling a calendula or marigold, cream and yellow, beautifully blended. The blossoms are on single stems and open at daylight, but close later in the day. They are produced in great numbers and present a wonderful sight in the early morning sunlight. A pretty little plant doing especially well in sandy soil. Packet, 15c; $\frac{1}{4}$ ounce, \$1.00.

Meconopsis heterophylla. "Flaming Poppy." "Wind Poppy." Annual 1 to 2 feet high. Flowers intense orange scarlet with a deep maroon ring at the base, of exquisite beauty, the petals having the delicate satin texture of the poppy. A slender plant usually found in partially shady places. Packet, 50c.

Mentzelia laevicaulis. "Evening Star." Biennial, 3 to 4 feet high. Flowers 3 to 4 inches in diameter, opening in the late afternoon, pale yellow. Grows in gravelly soil. Packet, 15c; ounce, \$1.50.

Mentzelia lindleyi. "Blazing Star." Annual 2 to 3 feet high. Flowers large, of delicate silken texture, rich deep yellow with burnt orange ring around the center. One of the most brilliant of all flowers. Packet, 10c; ounce, 40c; ¼ pound, \$1.35; pound, \$5.00.

Mimulus brevipes. "Yellow Monkey Flower." Annual 1 to 2 feet high. Bright green lanceolate leaves. Flowers large, clear canary yellow. A very attractive plant, growing in rocky soil and blossoming in late spring. Packet, 25c.

Mimulus cardinalis. "Scarlet Monkey Flower." Perennial, 1 to 3 feet. Flowers bright scarlet; grows in wet places. Packet, 15c; ½ ounce, \$1.00.

Mimulus fremontii. "Fremont's Monkey Flower." Annual, 4 to 6 inches high. Flowers large, deep rose color to crimson. Grows in sandy places. Fine for rock gardens. Packet, 25c.



"Baby Blue Eyes."

Mimulus lewisii. "Pink Monkey Flower." Perennial, 1 to 2 feet. Large rose pink flowers. Grows in wet places. Packet, 25c.

Mimulus longiflorus. "Bush Monkey Flower." Shrub 2 to 4 feet high. Flowers large buff or salmon-colored resembling an azalea in shape. Packet, 25c.

perennial 1 to 3 feet high. Leaves broad, light green.

Mimulus guttatus. "Common Monkey Flower." Annual or perennial. Flowers bright yellow with brown dots in throat; very free flowering. Found along streams and in wet ground. Packet, 25c.

Mimulus puniceus. "Red Bush Monkey Flower." Shrub 2 to 4 feet high. A beautiful plant from San Diego County, of rather sprawling habit. Leaves narrow; flowers varying from orange scarlet to bright red. Very showy and free flowering. packet, 25c.

Monardella lanceolata. "Western Pennyroyal." "Poleo." Annual, 1 to 2½ feet high. Of branching habit, with light green, lanceolate leaves and many large heads of violet-purple flowers. Grows especially well in sandy soil and flowers abundantly in June and July. Packet, 15c; ounce, \$1.00.

Monolopia major. "Hill Top Daisy." Annual, 1 to 2 feet high. Of branching habit with somewhat woolly stems and foliage. Flowers golden yellow, produced in great quantities. Excellent for cutting, lasting a long time in water. Thrives best in heavy soil. Packet, 25c.

Nemophila aurita. "Climbing Nemophila." Annual, stems 2 to 6 feet long generally climbing over underbrush on shady banks. Flowers deep purple or violet. Packet, 15c; ounce, \$1.50.

Nemophila insignis. "Baby-Blue-Eyes." Annual, 4 to 8 inches high. A charming little plant of spreading habit, with clear, azure blue flowers. Prefers shade or partial shade. Of easy culture flowering in a short time after sowing. Packet, 10c; ounce, 35c; $\frac{1}{4}$ pound, \$1.20; pound, \$4.00.

Nemophila maculata. "Spotted Nemophila." Annual, 4 to 8 inches. White with large deep purple blotch on each petal. Does well in shady places. Packet, 10c; ounce, 35c; $\frac{1}{4}$ pound, \$1.20; pound, \$4.00.

Oenothera bistorta veitchiana. "Sun Cups." Annual, 6 to 12 inches high of trailing habit. Flowers bright canary yellow with brown spot near base of petals. Grows in sandy places. Packet, 15c; ounce, \$1.50.

Oenothera hookeri. "Yellow Evening Primrose." Biennial, 3 to 6 feet. Flowers large, light yellow. Packet, 10c; ounce, \$1.00.

Oenothera trichocalyx. "Desert Evening Primrose." Annual, 6 inches to 2 feet high. Large white flowers. Grows in sandy soil. Packet, 15c; $\frac{1}{4}$ ounce, 75c.

Orthocarpus purpurascens. "Owl's Clover" or "Pink Paint Brush." Annual, 4 to 10 inches high. Rose, pink or purplish lilac shading to cream-color at center. Packet, 15c; ounce, \$1.50.



"Owl's Clover." "Pink Paint Brush."

Faeonia brownii. "Wild Peony." Perennial. 1 to 1½ feet high with attractive deeply cut foliage. Flowers 1 to 1½ inches in diameter, deep blackish crimson. Packet, 25c.

Papaver californicum. "Western Poppy." Annual, 1 to 2 feet. Flowers orange-scarlet with pale yellow center. Packet, 25c.

Pedicularis densiflora. "Indian Warrior." Perennial 9 to 12 inches high. Leaves fern-like, flowers in a dense raceme, deep crimson. Found on wooded hillsides. Pkt., 25c.

Pentstemon antirrhinoides. "Yellow Bush Pentstemon." Shrub 3 to 6 feet high. Much branched with narrow light green leaves. Flowers large bright yellow. Packet, 15c; ⅛ ounce, 75c.

Pentstemon azureus. "Blue Beard Tongue." Perennial 1 to 1½ feet high. A spreading plant with many stems and narrow leaves. Flowers rich blue produced in great profusion. Fine for borders and rock gardens. Packet, 25c.

Pentstemon bridgesii. "Bridge's Pentstemon." Perennial 1 to 2½ feet high from a woody base. Leaves rather narrow 1 to 3 inches long. Flowers bright scarlet, produced in great quantities. A very showy plant from the higher mountains. Packet, 25c.

Pentstemon centranthifolius. "Scarlet Bugler." Perennial 2 to 4 feet high. Flowers tubular, bright vermilion, in narrow racemes 1 to 2 feet long. Very showy; blooms over long period. Packet, 15c; ¼ ounce, \$1.00.

Pentstemon cordifolius. "Climbing Pentstemon." "Scarlet Honeysuckle." Shrub 6 to 8 feet high. A tall woody plant usually growing among shrubs which it uses for support. Leaves heart-shaped, glossy green, resembling those of the garden fuchsia. Flowers large, brilliant orange scarlet. Packet, 25c.

Pentstemon grinnellii. "Grinnell's Pentstemon." Perennial 1½ to 3 feet high. A spreading plant with thick, heavy foliage. Flowers large, creamy white suffused with pink. Packet, 15c; ⅛ ounce, 75c.



"Cream Cups."

Pentstemon heterophyllus. "Violet Beard Tongue." Perennial, 1 to 2 feet high. Of bushy spreading habit. Flowers rich blue or purple produced in great quantities. One of the best of our native perennial plants. Fine for borders and rock gardens. Packet, 15c; $\frac{1}{8}$ ounce, 75c.

Pentstemon spectabilis. "Blue Pentstemon." Perennial, 3 to 6 feet high. Flowers in long spikes, and the richest combination of blue or purple. Packet, 10c; ounce, \$2.00.

Phacelia campanularia. "Bell-flowered Phacelia." Annual, 10 to 15 inches high. Flowers intense bright blue. Packet, 10c; ounce, 70c; $\frac{1}{4}$ pound, \$2.25; pound, \$8.00.

Phacelia ciliata. "Lavender Phacelia." Annual 10 to 15 inches high branching from the base. Leaves pinnately divided. Flowers in terminal clusters, lavender, sweet scented. Very attractive in masses. Packet, 10c; ounce, 80c; $\frac{1}{4}$ pound, \$2.50; pound, \$9.00.

Phacelia grandiflora. "Large Flowered Phacelia." Annual, 2 to 3 feet high. Large saucer-shaped flowers, lavender, beautifully veined with violet. Packet, 10c; ounce, 70c; $\frac{1}{4}$ pound, \$2.25; pound, \$8.00.



"Fringed Indian Pink."

Phacelia parryi. "Parry's Phacelia." Annual, 9 inches to 1½ feet high. Flowers cup-shaped, deep violet, generally with five yellow spots. Packet, 10c; ounce, 70c; $\frac{1}{4}$ pound, \$2.25; pound, \$8.00.

Phacelia tanacetifolia. "Wild Heliotrope." Annual, 1½ to 2½ feet high. Flower lavender blue. Packet, 10c; ounce, 35c; $\frac{1}{4}$ pound, \$1.20; pound, \$4.00.

In the eastern states follow the same instructions for sowing as described on page 19, but sow early in spring instead of the fall as soon as the cold weather is over.

Phacelia viscida. "Sticky Phacelia." Annual, 1 to 2 feet high. Flowers saucer-shaped, rich salvia blue. Packet, 10c; ounce, 70c; ¼ pound, \$2.25; pound, \$8.00.

Phacelia whitlavia. "Wild Canterbury Bell." Annual, 1 to 1½ feet high. Large bell-shaped flowers hanging in open, airy clusters; color violet purple. Packet, 10c; ounce, 60c; ¼ pound, \$2.00; pound, \$7.00.

Platystemon californicus. "Cream Cups." Annual, 6 to 10 inches high. Cream colored flowers. Packet, 15c. ounce, \$1.50.

Ranunculus californicus. "California Buttercup." Perennial, 1 to 1½ feet high. Flowers golden yellow. Generally found on grassy slopes on the north side of the foothills. Packet, 15c; ¼ ounce, 75c.

Romneya coulteri. "Matilija Poppy." Perennial, 6 to 10 feet high. Blossoms often are 6 or 7 inches in diameter, pure glistening white with bright yellow centers. Packet, 15c; ¼ ounce, 75c.



"Woolly Blue Curls." "Romero."

8 Beautiful Species Perennial Wild Flowers

Blue Flax	Scarlet Bugler
Canyon Lupine	Blue Pentstemon
Scarlet Monkey Flower	California Buttercup
Violet Beard Tongue	Scarlet Columbine

Regular price if purchased separately, \$1.25

Collection \$1.00
Price

Salvia carduacea. "Thistle Sage." Annual, 1 to 2 feet high. An attractive plant with thistle-like woolly foliage. Flowers in large heads, clear, rich lavender. One of the most beautiful of the wild flowers. Packet, 10c; ounce, 60c; ¼ pound, \$2.00; pound, \$7.00.

Salvia columbariae. "Chia." Annual, 9 to 15 inches high. Flowers in whorls, deep purple. Packet, 15c; ounce, \$1.00.

Silene californica. "Indian Pink." Perennial, 6 to 12 inches high. Flowers large, brilliant scarlet, the petals beautifully slashed into four divisions. Very showy, excellent for rock gardens. Packet, 25c.



"Yellow Violet." "Yellow Pansy."

Silene laciniata. "Fringed Indian Pink." Perennial, 1 to 3 feet with many spreading branches. Flowers bright scarlet with edge of petals beautifully laciniated. Fine for rock gardens. Packet, 25c.

Sisyrinchium bellum. "Blue Eyed Grass." Perennial, 8 to 15 inches high. Flowers bright blue with yellow centers. Fine for rock gardens. Packet, 15c; ounce, \$1.50.

Solanum wallacei. "Catalina Nightshade." Shrubby perennial, 3 to 5 feet high. A showy plant with rather heavy foliage. Flowers large, deep violet. Packet, 25c.

Solanum xanti. "Violet Nightshade." Shrubby perennial, 1 to 3 feet high. Flowers deep violet blue. An attractive plant for groups and masses. Packet, 25c.

Trichostema lanatum. "Woolly Blue Curls." "Romero." Shrub, 2 to 5 feet high. Flowers blue in spikes often a foot long, the whole inflorescence clothed with a dense violet colored wool. Packet, 25c; ounce, \$2.00.

Viola pedunculata. "Yellow Violet." "Yellow Pansy." Perennial, 4 to 8 inches high. Flowers golden yellow, the two upper petals beautifully blotched with brown on the outside. Packet, 25c; ¼ ounce, \$1.50.

Zauschneria microphylla. "California Fuchsia." "Humming Bird's Trumpet." "Balsamea." Perennial, 1 to 2 feet high. Grayish green foliage and brilliant scarlet trumpet-shaped flowers appearing in fall. Useful for covering banks and fine for rock gardens. Packet, 25c.

HOW TO SOW WILD FLOWERS

Annuals. For the annual species, first work up the surface of the ground and pulverize thoroughly. In small areas this can be done by spading and raking, or in large areas by plowing and harrowing. In cases where the seeds are to be sown on hillsides, where there is an existing growth of shrubs or chaparral, small spaces can be worked up quickly by the use of a potato hook. Sow the seed broadcast and it will germinate soon after the first rain following the sowing.

Perennials. While the perennials grow in the wild state under the same conditions as the annuals, they do not reproduce themselves nearly as freely, being perennial there is not the need of it. With most species the best results will be obtained by sowing in seed boxes, using a light well prepared soil and keeping in a lath house or sheltered place until the seedlings are well started. Gradually harden off to the full sun and when large enough to handle pot up into small pots; when the plants are thoroughly established, plant out into the open ground where they are to remain and flower.

WHEN TO SOW WILD FLOWERS

Annuals. The best time to sow the annual wild flowers is early in the fall before the first rain or during the early part of the rainy season. The seed will germinate soon after the first rain following the sowing and in seasons with a normal rainfall will require no further attention. Later sowings may be made up until the beginning of February, but these later sowings may not succeed quite as well as those sown in the fall and the blooming period, when natural rainfall is depended upon, will be shorter. Where artificial watering can be practiced, sowings can be made up until the early part of March.

Perennials. The perennials can be sown at almost any time of the year, late spring to early fall being a very good time. Most species if started at this time of the year will flower the following spring and summer.

IN THE EASTERN STATES

In the eastern states follow the same instructions as given for California, but sow in spring as soon as the cold weather is over.

QUANTITY OF SEED REQUIRED

The quantity of seed required to sow any given area is dependent upon the type of planting contemplated. If the area to be sown has existing growth of shrubbery and trees a good average is five pounds to each acre; if the area is clear a good average would be eight pounds to acre and, when used within the close confines of the garden, an ounce will sow from 150 to 200 square feet. These quantities will vary according to the extent of covering desired and the existing conditions. The average city lot of 50 by 150 feet requires about 1½ pounds or one pound to 5000 square feet. For those not used to sowing fine seed, it will be found advisable to mix it with some finely screened soil or sand. Then scatter as evenly as possible over the ground.

CAUTION

Owing to the considerable demand for wild flower seeds, resultant entirely to our 33 years of endeavor in growing them and bringing them before the public, there are now a number of so-called wild flower mixtures on the market. It is as regrettable as it is true that many of these mixtures contain few of the true wild species, being augmented by the more common of the hardy garden varieties. Having proven this to be the case by numerous tests, we feel justified in cautioning all who contemplate planting wild flowers to be sure and get the true species.

There is no better guarantee of securing only the true wild species than by insisting on Payne's Wild Flower seeds in either separate species or mixtures. Payne's Wild Flower Mixtures are sold in sealed packages only, not genuine without our seal.



BLUE PENTSTEMON

One of the most showy we have. This beautiful wild flower is included in the colorful Perennial Collection on Page 17.



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